

Forms published by WindowChem (707) 884-0541

Section 1. Chemical Product and Company Name
Product Name: All American Ammonium Sulfate 21-0-0

Product Name: All American Ammonium Sulfate 21-0-0	Emergency Telephone Number CHEMTREC 800-424-9300
Manufacturer's Name IMC VIGORO	Telephone Number For Information 888-844-6761
Address (Number, Street, City, State, and ZIP Code) P.O. Box 512	Date Prepared 5 September 1996
Winter Haven FL 33882	Signature of Preparer (optional) Michael Archer, ASSE

Section 2. Composition / Information on Ingredients

Component - one or more of the following:
Ammonium sulfate

CAS Registry #
7783-20-2

Exposure Limits	
ACGIH TLV	OSHA PEL
Not est.	10 mg/m3

Section 3. Hazards Identification

EMERGENCY OVERVIEW

Will cause moderate eye irritation. Avoid contact with open sores.

POTENTIAL HEALTH EFFECTS:

POTENTIAL HEALTH EFFECTS:
Eye Contact: Will cause moderate eye irritation.
 as expected.

INHALATION: No adverse effects expected.

SKIN CONTACT: No adverse effects expected.

SKIN CONTACT: No adverse effects expected.
 INGESTION: May cause irritation of gastro-intestinal passages.
 GENOTOXICITY: No effects known.

CHRONIC EFFECTS / CARCINOGENICITY: No effects known.

Section 4. First Aid Measures

Section 4. First Aid Measures

EYE CONTACT: Flush eyes with water for 15 minutes. Get medical attention if irritation persists.

SKIN CONTACT: Wash with soap and water.

SKIN CONTACT: Wash thoroughly with soap and water.

SKIN CONTACT: Wash thoroughly with soap and water.

INGESTION: Drink 2-3 glasses of water and induce vomiting. Get medical attention.

SKIN CONTACT: Wash thoroughly with soap and water. Get medical attention.
 INGESTION: Drink 2-3 glasses of water and induce vomiting. Get medical attention.
 NOTE TO PHYSICIAN: Treat adverse effects symptomatically. Product contains fertilizer salts.

Section 5. Fire Fighting Measures

FLAMMABLE PROPERTIES:

FLASH POINT: Not applicable

METHOD USED: Not applicable

FLAMMABLE LIMITS

LFL: Not applicable

UFL: Not applicable

EXTINGUISHING MEDIA: Use fire fighting media as for surrounding fire.

EXTINGUISHING MEDIA: Use fire fighting media as for surrounding
FIRE & EXPLOSION HAZARDS: NH₃, HCN, CO, NO_x. Does not contain ammonium nitrate
Persons upwind of smoke and vapors. Waters

FIRE FIGHTING INSTRUCTIONS: Keep all persons upwind of smoke and vapors. Waters from fire fighting may be hazardous and should be contained to prevent their access into natural and drinking waters. Analyze waste waters before disposal.

FIRE FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and full body protection.

Section 6. Accidental Release Measures

Section 6. Accidental Release Measures

Sweep up material as soon as spilled to prevent contamination. Repackage in labeled container and use as directed on original package label.

Section 7. Handling and Storage

Section 7. Handling and Storage
Do not contaminate water, food or feed by storage. Store in dry secure location away from children and pets.

Section 8. Exposure Controls / Personal Protection

ENGINEERING CONTROLS: Use outdoors only.

ENGINEERING CONTROLS: Use outdoors only.

RESPIRATORY PROTECTION: None required if PEL is expected to be below 10 mg/m3.

SKIN PROTECTION: None required.

EYE PROTECTION: Use eye protection if granules may come in contact with eyes.

Section 9. Physical and chemical Properties

APPEARANCE:	Granules	PHYSICAL STATE:	Dry
BOILING POINT:	Not applicable	SOLUBILITY IN WATER:	70-100 %
EVAPORATION RATE:	Not applicable	SPECIFIC GRAVITY:	1.2
FREEZING POINT:	Not applicable	VAPOR DENSITY:	Not applicable
MELTING POINT:	Not applicable	VAPOR PRESSURE:	Not applicable
MOLECULAR WEIGHT:	Not applicable	VISCOSITY:	Not applicable
ODOR:	None	% VOLATILE:	None
pH:	6.0-8.0		

Section 10. Stability and Reactivity

CHEMICAL STABILITY: Stable

INCOMPATIBILITY: Strong acids

HAZARDOUS DECOMPOSITION PRODUCTS: NH₃, HCN, CO, NO_x.

HAZARDOUS POLYMERIZATION: Does not occur.

Section 11. Toxicological Information

EYE: No specific data.

SKIN: Not considered to be a sensitizer.

INGESTION: No specific data.

INHALATION: No specific data. Unlikely route of entry.

CHRONIC / CARCINOGENICITY: Not listed on IARC, NTP or OSHA lists as a carcinogen.

Section 12. Ecological Information

ECOTOXICOLOGICAL INFORMATION: Keep out of natural and drinking waters. High concentrations at flow source into bodies of water may cause temporary conditions unfavorable for aquatic organisms.

Section 13. Disposal Considerations

Material disposal: Reuse if possible. Material contaminated with dirt can be reused. If reuse is not possible, dispose of on site or at an approved waste disposal facility.

Container disposal: Place in trash for disposal at an approved waste disposal facility.

Section 14. Transport Information (Not meant to be all inclusive)

D.O.T. SHIPPING NAME: Consumer commodity, non-hazardous classification

Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

OSHA STATUS: Not listed.

TSCA STATUS: All components listed.

CERCLA REPORTABLE QUANTITY: Not listed.

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: Not listed.

SECTION 311/312 HAZARDOUS CATEGORIES: Not listed.

SECTION 313 TOXIC CHEMICALS: Not listed.

RCRA STATUS: Not listed.

CALIFORNIA PROPOSITION 65: Not listed.

Section 16. Other Information

Information given herein is given in good faith, but no warranty, express or implied, is made. Information is accurate as of date noted. IMC Vigoro assumes no liability for product used not in accordance with label directions. Information for this Material Safety Data Sheet (MSDS) is compiled from individual component MSDS, product specification sheets and various regulatory resources.